



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

MAR 5 1992

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FILE COPY

REPLY TO THE ATTENTION OF:
(A-18J)

FEB 27 1992

Stephen Gerritson
Executive Director
Lake Michigan Air Directors Consortium
2350 East Devon Avenue, Suite 242
Des Plaines, Illinois 60018

Dear Mr. Gerritson:

This is in response to your submittal of December 19, 1991, and its attachments regarding the selection of high ozone episodes to be modeled in the Lake Michigan Ozone Study (LMOS). This response deals with the approvability of the proposed selected high ozone episodes.

With regard to the modeling episodes proposed, the United States Environmental Protection Agency (USEPA) agrees that the additional model input and evaluation data available for the proposed episodes is useful in a thorough evaluation of the modeling results. The USEPA agrees with the proposal to model the following episodes and to use the derived modeling system (models, input data, and validated output data) in the subsequent emissions control strategy assessment and ozone demonstration of attainment:

1. June 20-21, 1991;
2. June 25-28, 1991;
3. July 16-19, 1991; and
4. August 24-26, 1991.

We support the concept expressed in your letter that, if the 1991 episodes are found to not be fully representative of the historical episodes, the Air Directors of the LMOS States will consider conducting limited special field programs in the future with the intent to gather a sufficient database for additional modeling evaluation and application. The recent discussions concerning enhanced ozone monitoring efforts show that the States are taking a reasonable approach towards meeting this possible monitoring and modeling need.

I hope these comments adequately address your needs for USEPA's approval of the model evaluation protocol. If you have any questions on these comments, please refer them to Edward Doty at (312) 886-6057.

Sincerely yours,



David Kee, Director
Air and Radiation Division

cc: Bharat Mathur, Manager
Division of Air Pollution Control
Illinois Environmental Protection Agency

Paul Dubenetzky, Acting Assistant Commissioner
Office of Air Management
Indiana Department of Environmental Management

Robert Miller, Chief
Air Quality Division
Michigan Department of Natural Resources

Donald Theiler, Director
Bureau of Air Management, GEF II
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